



Multimode Fiber Collimator

Features

Low Insertion Loss
High Return Loss
High Environmental Stability

Applications

Fiber Optic Components
LANs
Research
Free Space Communications

Specifications

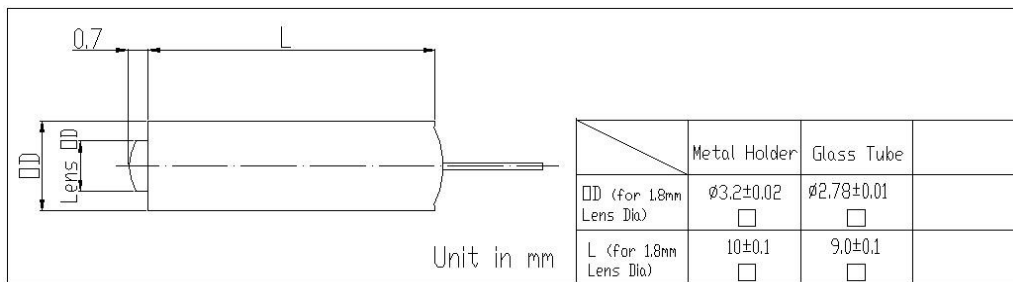
Parameters	Unit	Values
Center Wavelength	nm	850, 980, 1064, 1310, 1480, 1550
Operating Wavelength Range	nm	+/-30
Working Distance	mm	5
Typ. Insertion Loss at 5mm WD	dB	0.2
Max. Insertion Loss at 5mm WD	dB	0.25
Min. Return Loss	dB	35
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.2dB higher and RL will be 20dB lower.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

MMC-①-②-③-④-⑤-⑥-⑦-⑧-⑨-⑩-⑪-⑫

①: Wavelength

850 - 850nm
980 - 980nm
1064 - 1064nm
1480 - 1480nm
3155 - 1310/1550nm
S - Specify

②: Pigtail Type

S - Single Fiber Pigtail
D - Dual Fiber Pigtail

③: Lens Diameter

1 - 1.8mm
2 - 1.0mm (for Single Fiber only)
S - Specify

④: Lens Type

G - Grin Lens
C - C Lens

⑤: Working Distance

5 - 5mm
S - Specify

⑥⑥: Connector Type

1B - FC/UPC
2B - FC/APC(Step)
3D - SC/UPC
4D - SC/APC(Step)
N - None
S - Specify

⑦⑦: Fiber Jacket

B - Bare Fiber
H - 900um Green Loose Tube
S - Specify

⑧: Fiber Type

1B - MM Fiber 50/125
2B - MM Fiber 62.5/125

⑨: Fiber Orientation

O - O Type

⑩: Fiber Length

0.8 - 0.8m
S - Specify

⑪: Package Dimensions

40 - ∅3.2x10 Metal
50 - ∅2.78x9 Glass

⑫: Nominal Beam Diameter

0.76 - 0.76mm for 50/125 Fiber
1 - 1.0mm for 62.5/125 Fiber